

This is a general layout, but may not be the final layout. August 2, 2004
 Connector P2 Viewed looking from the back of the backplane(back of crate).

	D E	C D	B C	A B	Z A
1		Ch_00_EM_P	VME_5V	Ch_00_HD_P	
2		Ch_00_EM_N	GND_PLANE	Ch_00_HD_N	VME_64_GND
3		Ch_04_EM_P		Ch_04_HD_P	
4		Ch_04_EM_N		Ch_04_HD_N	VME_64_GND
5		Ch_08_EM_P		Ch_08_HD_P	
6		Ch_08_EM_N		Ch_08_HD_N	VME_64_GND
7		Ch_12_EM_P		Ch_12_HD_P	
8		Ch_12_EM_N		Ch_12_HD_N	VME_64_GND
9		Ch_01_EM_P		Ch_01_HD_P	
10		Ch_01_EM_N		Ch_01_HD_N	VME_64_GND
11		Ch_05_EM_P		Ch_05_HD_P	
12		Ch_05_EM_N	GND_PLANE	Ch_05_HD_N	VME_64_GND
13		Ch_09_EM_P	VME_5V	Ch_09_HD_P	
14		Ch_09_EM_N		Ch_09_HD_N	VME_64_GND
15		Ch_13_EM_P		Ch_13_HD_P	
16		Ch_13_EM_N		Ch_13_HD_N	VME_64_GND
17		Ch_02_EM_P		Ch_02_HD_P	
18		Ch_02_EM_N		Ch_02_HD_N	VME_64_GND
19		Ch_06_EM_P		Ch_06_HD_P	
20		Ch_06_EM_N		Ch_06_HD_N	VME_64_GND
21		Ch_10_EM_P		Ch_10_HD_P	
22		Ch_10_EM_N	GND_PLANE	Ch_10_HD_N	VME_64_GND
23		Ch_14_EM_P		Ch_14_HD_P	
24		Ch_14_EM_N		Ch_14_HD_N	VME_64_GND
25		Ch_03_EM_P		Ch_03_HD_P	
26		Ch_03_EM_N		Ch_03_HD_N	VME_64_GND
27		Ch_07_EM_P		Ch_07_HD_P	
28		Ch_07_EM_N		Ch_07_HD_N	VME_64_GND
29		Ch_11_EM_P		Ch_11_HD_P	
30		Ch_11_EM_N		Ch_11_HD_N	VME_64_GND
31	GND_PLANE	Ch_15_EM_P	GND_PLANE	Ch_15_HD_P	
32		Ch_15_EM_N	VME_5V	Ch_15_HD_N	VME_64_GND

Note:

- 1) If 16 signals(1 ribbon) are grouped together,
then four pleated foil cable assemblies are required for each paddle card.
- 2) If 32 signals(2 ribbons) are grouped together,
then two pleated foil cable assemblies are required for each paddle card.

Coaxial_Shield	Ch_00_EM_P	is input	is Ribbon #1 of 4 Ribbons
Coaxial_Shield	Ch_00_EM_N	connector	
Coaxial_Shield	Ch_00_HD_P	cable #1	
Coaxial_Shield	Ch_00_HD_N		
Coaxial_Shield	Ch_04_EM_P	is input	
Coaxial_Shield	Ch_04_EM_N	connector	
Coaxial_Shield	Ch_04_HD_P	cable #2	
Coaxial_Shield	Ch_04_HD_N		
Coaxial_Shield	Ch_08_EM_P	is input	
Coaxial_Shield	Ch_08_EM_N	connector	
Coaxial_Shield	Ch_08_HD_P	cable #3	
Coaxial_Shield	Ch_08_HD_N		
Coaxial_Shield	Ch_12_EM_P	is input	
Coaxial_Shield	Ch_12_EM_N	connector	
Coaxial_Shield	Ch_12_HD_P	cable #4	
Coaxial_Shield	Ch_12_HD_N		
Coaxial_Shield	Ch_01_EM_P	is input	is Ribbon #2 of 4 Ribbons
Coaxial_Shield	Ch_01_EM_N	connector	
Coaxial_Shield	Ch_01_HD_P	cable #1	
Coaxial_Shield	Ch_01_HD_N		
Coaxial_Shield	Ch_05_EM_P	is input	
Coaxial_Shield	Ch_05_EM_N	connector	
Coaxial_Shield	Ch_05_HD_P	cable #2	
Coaxial_Shield	Ch_05_HD_N		
Coaxial_Shield	Ch_09_EM_P	is input	
Coaxial_Shield	Ch_09_EM_N	connector	
Coaxial_Shield	Ch_09_HD_P	cable #3	
Coaxial_Shield	Ch_09_HD_N		
Coaxial_Shield	Ch_13_EM_P	is input	
Coaxial_Shield	Ch_13_EM_N	connector	
Coaxial_Shield	Ch_13_HD_P	cable #4	
Coaxial_Shield	Ch_13_HD_N		

Coaxial_Shield	Ch_02_EM_P	is input	
Coaxial_Shield	Ch_02_EM_N	connector	
Coaxial_Shield	Ch_02_HD_P	cable #1	
Coaxial_Shield	Ch_02_HD_N		
Coaxial_Shield	Ch_06_EM_P	is input	is Ribbon #3 of 4 Ribbons
Coaxial_Shield	Ch_06_EM_N	connector	
Coaxial_Shield	Ch_06_HD_P	cable #2	
Coaxial_Shield	Ch_06_HD_N		
Coaxial_Shield	Ch_10_EM_P	is input	
Coaxial_Shield	Ch_10_EM_N	connector	
Coaxial_Shield	Ch_10_HD_P	cable #3	
Coaxial_Shield	Ch_10_HD_N		
Coaxial_Shield	Ch_14_EM_P	is input	
Coaxial_Shield	Ch_14_EM_N	connector	
Coaxial_Shield	Ch_14_HD_P	cable #4	
Coaxial_Shield	Ch_14_HD_N		
Coaxial_Shield	Ch_03_EM_P	is input	
Coaxial_Shield	Ch_03_EM_N	connector	
Coaxial_Shield	Ch_03_HD_P	cable #1	
Coaxial_Shield	Ch_03_HD_N		
Coaxial_Shield	Ch_07_EM_P	is input	is Ribbon #4 of 4 Ribbons
Coaxial_Shield	Ch_07_EM_N	connector	
Coaxial_Shield	Ch_07_HD_P	cable #2	
Coaxial_Shield	Ch_07_HD_N		
Coaxial_Shield	Ch_11_EM_P	is input	
Coaxial_Shield	Ch_11_EM_N	connector	
Coaxial_Shield	Ch_11_HD_P	cable #3	
Coaxial_Shield	Ch_11_HD_N		
Coaxial_Shield	Ch_15_EM_P	is input	
Coaxial_Shield	Ch_15_EM_N	connector	
Coaxial_Shield	Ch_15_HD_P	cable #4	
Coaxial_Shield	Ch_15_HD_N		